

**Abstract**

A method for operating a fuel metering system of a motor vehicle is described, in which fuel is delivered by at least one supply 5 pump to at least one high pressure area, the fuel being injected by at least one fuel injector from the high pressure area directly into at least one combustion chamber, at least one sensor detecting the pressure in the high pressure area, and at least one pressure regulating element being provided for adjusting the pressure in the 10 high pressure area. A computer program for an internal combustion engine of a motor vehicle, as well as a control unit for operating a fuel metering system of a motor vehicle, and a fuel metering system for an internal combustion engine of a motor vehicle are also described.

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(Figure 3)